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Editorial Team: North America Editor - Steve Wood West Coast Contributors - Jim (Flybum) Pratt, Tim Sowell Canada - Jim Swan Cruisin' \& Hot Rod's - Gary Rosier UK Team - The Gremlins at Kew


Editoriall

Welcome to the February / March 2019 issue of Speedi Wings \& Wheels.
Take a look at our 'Content's page to find out more about what's in this issue. The magazine is published bi-monthly during the last week of February, $\quad=$ April, June, August, October and December.

In this issue we are featuring the Rolex 24 hr Race - Plus much more . . .

Take a look at the next page - the magazine index - for more details
Blue Sky's and Safe Flying.
The Speedi Team

[^0]February / March 2019 - Issue No: 42

## 7 Rolem 24 - 53 pages of action



72
P-40 American Dream


44 Legends Parade


## RAF Tornado Returns From Operations For The Last Time

## Marks End Of An Era That

 Began In 1979After almost 40 years serving the U.K. on military operations across the world, iconic RAF Tornado jets returned home for the last time.

First entering service in 1979, the fast jets have been used in operations across the world, most recently bombarding Daesh to push the terrorist group back through Syria and Iraq. Families and friends of the present-day squadron members were on hand to welcome them back to RAF Marham, Norfolk, on Tuesday afternoon.

The weapons capabilities of the soon-to-retire Tornados are now being delivered by RAF Typhoon jets, which will continue to take a leading role in the Coalition's mission against Daesh. Under 'Project Centurion', worth $£ 425$ million ( $\$ 551$ million) over the pas three years, the Typhoon can now also launch the world-leading Meteor air-to-air missile, the Stormshadow deep strike cruise missile and the precision attack missile Brimstone. These improved RAF Typhoon jets will form the backbone of the U.K.'s combat air fleet, alongside the recently introduced new fleet of F-35 Lighting jets over the coming years

The Tornado will be officially retired from service at the end of March and will only be used for training purposes over the U.K. in
the intervening period.

Originally named the Tornado GR1 the aircraft's first use in live operations was during the Gulf Wa in 1991, when 60 Tornado GR1s were deployed from bases in Saudi Arabia and Bahrain. Later they were upgraded to the GR4 model, which has been used ever since over the skies of Kosovo Afghanistan, Iraq and Syria.

It is with a heavy heart, bu normous pride, that we bid farewell to the Tornado from operations. This truly is the end of an era, having played a vital role in keeping Britain and its allies safe for four decades," said Defense Secretary Gavin Williamson. "But, after so long in service, it is only right that we now look to the future The combination of our state-of-the art F35s and the Typhoon's new weapon systems will keep us as a world leader in air combat for a generation."
"My sincerest congratulations to the Tornado Force, returning home after more than 4 years of after more than 4 years of continuous commitment to
defeating Daesh in Iraq and Syria an exceptional effort from everyone, well done and thank you," said Chief of the Air Staff, Air Chief Marshal Sir Stephen Hillier. "As a Tornado GR4 pilot myself, I have seen the aircraft develop over its nearly 40 years of service into an outstanding combat aircraft, flown, maintained and

supported by similarly outstanding air and groundcrew. The Tornado Force has been continuously deployed on operations since 1990, serving with immense distinction in Iraq, Syria, Afghanistan, Libya and the Balkans.
"I will personally be very sad to see the Tornado retire, but it is time now to pass the baton to our next generation combat aircraft. The F35B Lightning is now operational and the Typhoon is now fully multirole capable and able to take on the Tornado's missions. We can all take immense pride in what the Tornado has achieved in defence of he nation over nearly four decades, and reflect back on the courage, commitment and achievements of everyone who has contributed to the uccess of this extraordinary aircraft."

The RAF has already established its Typhoon and F-35 Forces' abilities o work together. In a series of operational trials, the evidence gathered has confirmed the potency of the combination and demonstrated the effectiveness of both platforms when operating alongside one another

## Boeing,

## United

Airlines

## Announce

Repeat Orders for 737 MAX and 777

SEATTLE, WA Jan 16, 2019

## Boeing

[NYSE:BA] and
United Airlines
[NASDAQ:UAL] announced the carrier ordered 24 additional 737 MAX jets and four more 777300ER (Extended Range) airplanes last year. The $\$ 4.5$ billion order, according to list prices, was booked as unidentified on Boeing's Orders \& Deliveries website.

The Chicago-based airline has steadily placed new orders for the two Boeing jets to serve its large domestic and international network. United Airlines is among the more than 100 customers who have made the 737 MAX the fastest-selling airplane in Boeing history, receiving more than 5,000 orders since the program's launch.
"United Airlines has been instrumental to the phenomenal success of the Boeing 737 and 777 programs over the years. We are honored by United's continued confidence in our people and our airplanes and services," said Ihssane

Mounir, senior vice president of Commercial Sales \& Marketing for The Boeing Company. "We are proud to again extend our longstanding partnership with United Airlines with these latest orders."

The MAX builds on the 737's industry-leading performance and reliability by offering operators more range and 14-percent better fuel efficiency compared to today's airplanes and 20 percent more than the airplanes it replaces. The MAX achieves the improved performance hanks to the CFM International LEAP-1B engines, Advanced Technology winglets, and other irframe enhancements
The 777 has become the best-selling twin-aisle jet family in history, earning more than 2,000 orders. In
program over the 2,000 threshold in December. It is also the most eliable twin-aisle jet flying today with the highest schedule reliability in the industry at 99.5 percent. The $777-300$ ER can seat up to 386 passengers in a three-class configuration and has a maximum range of 7,930 nautical miles (14,685 km).
United also utilizes Boeing Global Services to enhance its operations of their large fleet of Boeing aircraft. Multiple digital Boeing solutions, including those powered by Boeing AnalytX, optimize its perations. Recently, United signed for crew management and electronic flight bag (EFB) tools to enhance operational efficiency across all phases of flight.
 ultralong-range
Gulfstream G650ER again demonstrated its performance prowess in a city-pair record connecting Singapore and San Francisco - a distance of 7,475 nautical miles $/ 13,843$ kilometers faster than any other ultralong-range aircraft.
The G650ER departed Singapore's Changi Airport at $10: 58$ a.m. local time December 18, 2018, crossing the Pacific to arrive in San Francisco at 8:45 a.m., local time. Flown at an average speed of Mach 0.87 , the flight took just 13 hours and 37 minutes.
"The G650ER's unsurpassed speed and real-world performance allow it to easily tackle ocean-spanning routes like Singapore to San Francisco faster than any other business aircraft," said Mark Burns, president, Gulfstream. "To
Gulfstream, leading the class means continually demonstrating to
customers that their ultralong-range missions are possible at the fastest speeds. Even after more than 85 records, we will continue to illustrate this real-world performance
The G650ER provides significant time savings on some of the longest high-speed routes in business aviation. The aircraft completed an impressive December record run that included:

* Teterboro, New Jersey, to Dubai, United Arab Emirates $6,141 \mathrm{~nm} / 11,373 \mathrm{~km}$ in 11 hours and 2 minutes
* Savannah to Marrakech, Morocco - $3,829 \mathrm{~nm} / 7,091 \mathrm{~km}$ in 7 hours and 3 minutes
* Marrakech to Dubai - 3,550 $\mathrm{nm} / 6,574 \mathrm{~km}$ in 6 hours and 46 minutes
* Dubai to Biggin Hill, U.K. $3,046 \mathrm{~nm} / 5,641 \mathrm{~km}$ in 6 hours and 45 minutes
* Biggin Hill to Charleston, South Carolina $-3,710 \mathrm{~nm} / 6,870 \mathrm{~km}$ in 8 hours and 15 minutes
* Dubai to Singapore - 3,494 $\mathrm{nm} / 6,470 \mathrm{~km}$ in 7 hours and 15 minutes

The Singapore to San Francisco sprint marked the final leg of the seven-record journey.
The G650ER can fly 7,500 $\mathrm{nm} / 13,890 \mathrm{~km}$ at Mach 0.85 and has a maximum operating speed of Mach 0.925 . It is powered by two Rolls-Royce BR725 A1-12 engines and can fly up to 19 passengers.

The city-pair records are pending approval by the National Aeronautic Association.

## BOAC TO THE

 FUTURE AS BRITISH AIRWAYS' 747 IN HERITAGE DESIGN LANDS AT HEATHROWFebruary 18, 2019

* The BOAC-liveried Boeing 747 reg: G-BYGC, has arrived back at Heathrow from the paint factory this morning and will enter the airline's flying schedule, heading first to New York
* Arrival coincides with the Boeing 747 first flight anniversary just days earlier

Monday February 18, 2019 - Large crowds gathered at Heathrow today to watch the much-anticipated arrival of a British Airways Boeing 747 painted in the iconic design of its predecessor
British Overseas
Airways
Corporation
(BOAC).
The aircraft entered the IAC paint bay at Dublin Airport on February 5 where it was stripped of its current British Airways Chatham Dockyard design before being repainted with the BOAC livery which adorned the BOAC fleet between 1964 and 1974.

Alex Cruz, British Airways' Chairman and CEO, said: "The enormous interest we've had in this project demonstrates the attachment many people have to British Airways' history. It's something we are incredibly proud of, so in our centenary year it's a pleasure to be celebrating our past while also looking to the future. We look forward to many more exciting moments like this as our other aircraft with heritage designs enter service."

From the paint bay at Dublin Airport, the BOAC Boeing 747 flew directly to Heathrow on the aptly named BA100 touching down this morning. Its next flight will be tomorrow, Tuesday February 19, when it departs for New York JFK operating as flight BA117. This flight is particularly significant as it was the first route the B747 flew in BOAC colours.

After this, the aircraft will continue to fly British Airways' 747 -operated routes proudly showcasing the design as part of the airline's centenary celebrations. The aircraft can be tracked using Flight Radar which will feature a special image of the livery.
The BOAC livery will remain on the Boeing 747 until it retires in 2023, to allow as many customers as possible to have the chance to see it. By this time, British Airways will have retired the majority of its 747 fleet, replacing them with new state-of-the-art long-haul aircraft. This includes taking delivery of 18 A350s and 12 Boeing 787 Dreamliners in the next four years which feature new cabins and are more environmentally efficient - as well as another 26 short-haul aircraft, all part of the airline's $£ 6.5$ bn investment for customers.


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## ROLEX <br> RC




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elcome to Speedi's Blog.

Insurance is something which we perhaps all should have. Often, due to the complexity and cost many people do not carry insurance.

Of course, some wealthy individuals and many large companies simply self insure. But for the majority that is not a feasible option.

Right now it seems like I'm up to my neck in sorting out insurance matters for others. A hurricane damage claim for a friend and a medical claim for my wife. What I find is that most insurance companies, both in the USA and UK where I

have personal experience, make the claim procedure so complex that many just give up and don't bother claiming. This was certainly the case with the hurricane damage claim for a friend.

Perhaps, because of my professional training I know how to read policies and assess damages, and more importantly how to be tenacious.

As a side mention about insurance, the Daytona Beach EAA Chapter is holding a Young Eagles event for local school kids this coming Friday.
I used to be their Young Eagles coordinator but because of various liability issues the EAA now requires vetting of pilots for fly the kids. A great idea and one I support. However as I'm not a US resident I cannot be vetted as technically l'm an Alien.
Before all this came about l'd flown and arranged Young Eagles
flights for thousands of kids in the USA and UK where I was a EAA Chapter President.
I specialized in flights for disabled \& disadvantaged kids. These kids really appreciated the flights. The photos below show just some of the kids I have flown in Goofy.
Anyway, insurance is now a key element for pilots flying Young Eagles. If you have \$100k liability insurance EAA will add $\$ 1 \mathrm{~m}$ extra for Young Eagles flights. So no excuse about not having insurance.


Even though I cannot fly Young Eagles myself I'll be taking along Goofy as a static display aircraft. I can then talk about tenacity. Never give up whatever the challenges in life.

Building Goofy was certainly a challenge, particularly as I'd never built an aircraft before. l'd built cars, but not aircraft - it's totally different.

So seven years after the kit arrived in the UK, and after many many disappointments along the way, I finally flew my own aircraft at the greatest flying community in the world, Spruce Creek Fly-in. This was only possible thanks to much help from numerous friends.

Not only that, but it was completed and flew in the centennial year of flight. I really wanted to fly the first flight on the actual 100th anniversary of flight, but build delays and bad weather made this impossible. I was a
couple of weeks late, but so what - it flew.

Then there was the frustration of having to cancel my round the world flight after 2 years of planning - my brand new Eggenfellner Subaru engine failed just after the start of the RTW flight from EAA Airventure at Oshkosh.

A safe and soft landing in a soy bean field in Portsmouth, Ohio.


The story after this is long and complicated and resulted in the start of my world record flights, and my role as an aerial ambassador flying


Goofy - photo bottom center.

I had a great time flying around the four corners of the USA, setting world records time and time again. See my website www.worldrecordpilot. org

I was able to take a series of great pics when flying overhead some iconic airports in the USA and Canada, and also flying over the Niagara Falls - a truly spectacular experience. Here's the link: http://fourcornersflight. org/gallery.html
The world record flying stopped over 10 years ago - well setting 101 FAl world records was enough - and now my aviation fun comes from formation flying. A bit of a challenge in a high wing airplane like Goofy.


N
ews From The Barn is a regular feature about the happenings at the largest (and greatest) fly-in community in the world - Spruce Creek Fly-in. Situated on the Space Coast of Florida, just 7 miles south of the famous Speed City of Daytona Beach, Spruce Creek is a very special place. Our North America editor, Steve Wood, has lived there for since 2001, so he should know. We hope you enjoy this regular feature about a very special aviation community.
Sprice Creek Airport Imformation - Courtesy of the Spruce Creek POA Website - www.scpoa.com
The Spruce Creek Airport is the heart of the Spruce Creek Fly-In Commmity. The Airport is a private airport owned and operated by the Spruce Creek Property Owners Association (SCPOA) WThe Spruce Creek Airport Authority Committee through the SCPOA Board of Directors has the authority and the
responsibility to oversee the operation of the Spruce Creek Airport. The SCPOA emplovs a full time, 24 responsibility to oversee the operation of the Spruce Creek Airport. The SCPOA employs a full time, 24-7 security staff. The Airport ruinways, taxiways and aircraft parking areas are regularly patrolled and are under continuous video surveillance by the Security staff 24 hour a day.
LEAlslyingactivities at the Spruce Greek Airport are regulated by the FAla and by the recommended procedures-published in the Aeronautical Information Manual (AIM). In addition, al limited number of local rules and procedüres have been established to promote à safe and enjoyable airport. Atresident. tenants and invitees are encouraged to cooperate andabice by these procedures. \& DEPARIURE PACKAGE - aimpotmanagement provides information to assist all pilot
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Here's arligk to Sprice Greek Airport (7FL6) web page-click here $\frac{1}{1}-\infty \quad 0 \quad 0$ AIRPORT SAFDTY VIngO - The airport managen t recommends that all Spruce Creek Fly-In fesidentsand airport users yew this vory goed airport saite vidco. Click here


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T N OUR 'NEWS from theBarn' section we will be featuring news and photos from Spruce Creek Fly-in, the world's greatest aviation community. With over 1600 homes, and not all of them are hangar homes, and home to over 3000 people, there are over 650 airplanes based at Spruce Creek. But it's not all about aviation at Spruce Creek - there's golf, tennis, motorcycling and much more as well as a Country Club and the Downwind restaurant right alongside Beech Boulevard a major taxiway in the center of the airport. EAA Chapter 288 (Daytona Beech) meets a Keith Phillip's hanger on the
other major taxiway - Cessna Boulevard. Then there's the Gaggle Flight, which is quite something in its own right. Every Saturday morning (and sometimes on Wednesday too) members of the Gaggle Flight meet at The Big Tree which sits right in the middle of the airport. Upwards of 30 aircraft depart in flights of 3 or 4 (and sometimes more) flying out to breakfast. The arrivals back are usually spectacular, with overhead breaks the norm. Our North America editor, Steve Wood, is part of Goofy Flight named after his GlaStar which Adults At Play". has the special registration N-600FY. Steve even has
'goofy' smoke on his airplane which can 'puff' or be continuous at whim. Everyone has great fun at perhaps explains why there's a sign inside the

Spruce Creek Fly-in which main entrance which reads


## SPRUCE CREEK BONFIRE 2019




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## Now YOU can fly a P-40 Warhawk!

Kissimmee, Florida based T-6 flight school, Warbird Adventures, Inc. and owner Thom Richard, have added the fully dual controlled, dual cockpit, Curtiss TP-40N Warhawk 'American Dream' to their Warbird fleet. The aircraft is now based at the Kissimmee Gateway Airport (KISM) and will be used in transition training to fighters, and touring as a fully aerobatic airshow act. The mighty Warhawk will be available to fly for rated pilots and aspiring-pilots alike.
If your dream has always been to fly an iconic WWII fighter, here's your opportunity to check that box. In addition to formal checkout training, introductory flights are available. There are only five TP-40's known in existence today, and 'American Dream' is the only TP-40 in the world offering dual instruction on a commercial basis to the general public.

The addition of the classic fighter to the Warbird Adventures' stable was unveiled at their Kissimmee facility last year to an unsuspecting crowd. "We're confident the addition of a dual controlled P-40 will benefit the Warbird industry tremendously to increase safety in an otherwise mostly single-seat environment. I've toured various fighters on the airshow circuit for years and I can't tell you how many people have come up to me and told me the P-40 is their absolute favorite aircraft and they would do anything to fly one; Well, we've decided to do something to fulfill that dream!" - Thom Richard.
Bookings can be made by calling (407) 870-7366 or via e-mail Fly@WarbirdAdventures.com


Photo left shows Spruce Creek Airport Manager, Joe Friend, before his 'adventure’ flying the P-40 Warhawk at Kissimmee.


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## Artonews

## NEW JAGUAR XE: ENHANCED EXTERIOR, ALL-NEW LUXURIOUS INTERIOR AND INTUITIVE NEW technology

26 February 2019, Whitley, UK: The new Jaguar XE delivers an enhanced exterior design, all-new luxurious interior and advanced technologies.
An updated exterior design gives the XE a more purposeful and assertive stance. Continuing on from the beautifully judged proportions of the original car, new XE's sporting intent has been taken up a level, with contemporary design cues inspired by the F-TYPE sportscar. XE appears wider and lower than before, with larger front apertures, bold graphics and muscular forms eluding to the car's performance and advanced aerodynamics. New all-LED headlights with a striking 'J' blade daytime running light signature create a more purposeful look. The rear of the car also features a new bumper design and slender all-LED tail-lights with updated signature graphics which

accentuate the visual width of the car, giving the XE a more planted appearance.
For an even more performanceorientated character, R-Dynamic models include additional exterior design elements including aircraft winglet-inspired sculpted surfaces, dark mesh detailing to the rear valance and alternative wheel styles. On the interior, the sporting influences continue with sports-style seats with contrast stitching, Satin Chrome gearshift paddles and RDynamic treadplates.

The beautifully-crafted all-new interior features extensive use of soft-touch materials, premium veneers and all-new door trims that improve usability and practicality. New XE's luxurious and technology-packed interior delivers more comfort, quality and connectivity for all occupants. Every aspect of the cabin has been

NEW RANGEROVER of the Range Rover SVAutobiography Dynamic Edition VELAR
SVAUTOBIOGRAPHY DYNAMIC EDITION REFINED POWER Coventry, UK - Land Rover has of $274 \mathrm{~km} / \mathrm{h}$ ( 170 mph ), while refinement inherent in Range Rover given the world's most beautiful cosseting customers with traditional Velar.
mid-size SUV more performance, Range Rover refinement and "Developing the Range Rover Velar luxury and exclusivity with the comfort. SVAutobiography Dynamic Edition introduction of the limited run Range Uprated brakes and suspension is the kind of task Special Vehicle
 Operations was made for. The challenge here was to increase performance without compromising the composure, capability and
has been developed by Land Rover Special Vehicle Operations and is components, plus bespoke settings refinement inherent in Range Rover powered by a 550PS 5.0-litre V8 for everything from the powertrain to Velar. We've done this and, in the supercharged engine with a range of the safety systems, ensure the process, created an SUV that strikes unique design enhancements. SVAutobiography Dynamic Edition a brilliant balance between goAdding to its exclusivity, this mixes the personality of a anywhere practicality, dynamic distinctive model will be available to performance car with the go- performance and relaxing comfort purchase for one year only. anywhere capability of a luxury mid- it truly is an SUV for any occasion." Velar was named World Car Design size SUV. MICHAEL VAN DER SANDE of the Year at the 2018 World Car Michael van der Sande, Managing MANAGING DIRECTOR, LAND Awards and is the second model in Director, Land Rover Special ROVER SPECIAL VEHICLE the Range Rover family to wear the Vehicle Operations, said: OPERATIONS
coveted badge, after the introduction "Developing the Range Rover Velar

Successful race debut for the new BMW S 1000 RR at the WorldSBK opener in Australia.
23.02.19

The new BMW S 1000 RR has completed its race debut - just three months, after the series version was presented to the world. At the FIM Superbike World Championship (WorldSBK) season opener at Phillip Island (AUS), race one was held on Saturday. BMW Motorrad WorldSBK Team rider Tom Sykes (GBR) finished seventh on his RR. His teammate Markus Reiterberger crossed the line in 13th place.

Phillip Island. The new BMW S 1000 RR has completed its

rode in the top-six for a long time before slightly dropping back in the closing stages. Reiterberger started from 13th place. After losing a few positions at the start, he rode back into the points positions with his brand-new RR in the following laps.

Quotes after race one at Phillip Island.

Dr. Markus Schramm, Head of BMW Motorrad: "The first race wa an immensely important milestone for us, and we can be very satisfied
happy with the weekend so far. We have shown in the sessions that we can be with the front-runners. On the other hand, you can also see where we are still losing time at the moment but we were aware of that when we came here after the few test days and we are working on it. As soon as we improve in this area, we'll be in the mix. We are also pleased because two and a half months ago, we did not expect these results."

Shaun Muir, Team Principal BMW Motorrad WorldSBK Team: "I think both riders did very well. We race debut - just three months, after the series version was presented to the world. At the FIM Superbike World Championship (WorldSBK) season opener at Phillip Island (AUS), race one was held on Saturday. BMW Motorrad WorldSBK Team rider Tom Sykes (GBR) finished seventh on his RR. His team-mate Markus Reiterberger crossed the line in 13th place.

Sykes secured fourth place on the grid in the Superpole qualifying on Saturday morning. In the race he
with the result. We knew that our new BMW S 1000 RR has a very good base for its use in WorldSBK but we certainly could not expect that both riders would score points in the first race. A big compliment to the entire team and colleagues at home in Munich and Berlin for the work done in the short development time. Nevertheless, we also saw today that we still have great potential."

Marc Bongers, BMW Motorrad Motorsport Director: "We are quite

mixture of lightweight materials which includes carbon-fiber. The hull of the 41 -foot long vessel uses innovative sandwich construction with carbon-fiber structural laminates on both sides of a lightweight core. This allows a more rigid structure of considerably reduced weight. Furthermore, the deck, rudder, roof lining and hardtop of the $41^{\prime}$ AMG Carbon Edition are also made of carbon-fiber. This lightweight construction also ensured it was possible to lower the boat's center of gravity, improving the handling during high speed
could not have expected much more from Tom. He was in a battle with the front guys. In a better situation better situation stayed in the tow, but eventually another rider and him messed

Driving Performance on land and on water

Stronger and lighter: the eleventh boat from Mercedes-AMG and
Cigarette Racing sets new benchmarks through extensive use of carbonfiber ach other up and he lost touch with the front guys. In my heart, I felt top six was a possibility; seventh is kind of where we expected to be. So for me, Tom had a great race. On the other side of the garage, Markus obviously suffered with qualifying and a poor start. I addition, he struggled with grip but he was in the company of some very good riders and finished only ten seconds behind his team-mate - with a much poorer grid position. So we can take a lot of hope from it and will make some changes overnight."
lightweight carbon-fiber components are installed in the $41^{\text {, }}$ AMG Carbon Edition which creates an optimized center of gravity for ideal handling.
"For twelve years we have been exploring the limits of performance on land and at sea with Cigarette Racing. Inspired by the incredible new Mercedes-AMG GT 63 S 4door Coupe, the 41' AMG Carbon Edition impresses with its extremely high performance and its expressive design," said Tobias Moers, Chairman of Mercedes- AMG GmbH.

To achieve dynamic performance coupled with versatility, the Cigarette Racing team engineers followed a single design aim in their development work: weight reduction. Compared to the GT R Performance boat of 2017, the engineers were able to reduce weight by approximately 500 pounds thanks to an optimized
maneuvers.

High performance on water
The $41^{\prime}$ AMG Carbon Edition is powered by four Mercury Racing 400R outboard engines. Together they generate 1,600 horsepower, giving the boat a top speed of 83 miles per hour. These are extraordinary performance figures in this boat class, which combines the user-friendliness of outboard engines with a spacious interior. It also allows larger passenger groups to be accommodated in luxurious surroundings. For example, the 41 ' AMG Carbon Edition is able to carry eight passengers at maximum speed or up to 20 passengers at cruising speed. Thanks to lightweight construction and power, the 41 ' AMG Carbon Edition offers an attractive combination of performance, excellent handling and versatility, attributes it shares with the Mercedes-AMG GT 63 S 4-door Coupe.


## BENTLEY LAUNCHES

 WORLD'S FASTEST, MOST LUXURIOUS SUV(Crewe, 14 February 2019) Bentley Motors is today announcing full details of the world's fastest production SUV. The Bentayga Speed features an enhanced 635 PS ( 626 bhp ) version of the renowned 6.0-litre W12 engine that delivers a top speed of $190 \mathrm{mph}(306 \mathrm{~km} / \mathrm{h})$ and $0-62 \mathrm{mph}(0-100 \mathrm{~km} / \mathrm{h})$ in 3.9 seconds.

Designed, engineered and handcrafted in Great Britain, the Bentayga Speed is the most powerful and performance-oriented Bentayga to date. It builds on a long tradition of Speed models that was born with the Continental GT in 2007 and pushes the boundaries of Bentayga performance further since claiming the production SUV record at the gruelling Pikes Peak International Hill Climb last year.

With a top speed of 190 mph , the Bentayga Speed is our most
to eight Drive Dynamics modes. Bespoke engineering revisions to the Sport mode provide a more dynamic drive, while a greater exhaust character and firmer suspension tune further increase driver engagement.

Customers can personalise the Bentayga Speed to their own requirements with a range of exclusive options. Among them are carbon ceramic brakes, 22-way adjustable front seats with massage adjustable front seats with massage
function, carbon fibre fascia panels, Bentley rear-seat entertainment (RSE) and mood lighting.

Bentayga Speed - The Pinnacle of SUV Luxury and Performance

The new model takes the Bentayga's extraordinary abilities to new levels, boosting maximum power from 608 PS in the existing 6.0-litre W12 twin-turbocharged model to 635 PS ( 626 bhp ) in the new Speed. Effortless acceleration is delivered thanks to $900 \mathrm{Nm}(664 \mathrm{lb} . \mathrm{ft})$ of torque.

With exceptional performance, comfort and handling, maximum speed is also increased from 187 mph ( $301 \mathrm{~km} / \mathrm{h}$ ) to $190 \mathrm{mph}(306$ $\mathrm{km} / \mathrm{h}$ ) in the new Speed, while the $0-62 \mathrm{mph}(0-100 \mathrm{~km} / \mathrm{h})$ acceleration $0-62 \mathrm{mph}(0-100 \mathrm{~km} / \mathrm{h})$ acceleration
time is reduced from 4.1 seconds to 3.9 seconds.

The performance pinnacle of the Bentayga range, Speed is equipped with four on-road Drive Dynamics modes: Comfort at one extreme, and Bentley and Sport at the other, with Custom for customers who opt to create their own driving set-up.

Automobili Lamborghini unveils Huracán EVO
Spyder at Geneva Motor Show 2019: breath-taking performance and presence
Sant'Agata Bolognese,
26 February 2019
Automobili Lamborghini presents the new Lamborghini Huracán EVO Spyder at Geneva Motor Show: the open-top car joins its coupé counterpart launched earlier this year, as the second model in the V10 Huracán EVO line-up.

The Spyder adopts the nextgeneration vehicle dynamic control and aerodynamics developed for the coupé, with the 5.2 liter naturallyaspirated Lamborghini V10 engine uprated for a higher power output
and incorporating Titanium intake valves.

The Huracán EVO Spyder outputs $640 \mathrm{hp}(470 \mathrm{~kW})$ at $8,000 \mathrm{rpm}$ with 600 Nm of torque delivered at 6,500 rpm . With a dry weight of $1,542 \mathrm{~kg}$ the car reaches a weight-to-power ratio of $2.41 \mathrm{~kg} / \mathrm{hp}$, accelerates from $0-100 \mathrm{~km} / \mathrm{h}$ in 3.1 seconds and from $0-200 \mathrm{~km} / \mathrm{h}$ in 9.3 seconds. Braking from $100 \mathrm{~km} / \mathrm{h}$ to 0 is achieved in just 32.2 m , with a top speed of 325 $\mathrm{km} / \mathrm{h}$.
"The Huracán EVO Spyder incorporates all the performance, next-generation vehicle control and aerodynamic features of the EVO coupé, with its own unique personality and a driving excitement that only an open-top car can offer," says Stefano Domenicali, Chairman and Chief Executive Officer of Automobili Lamborghini. "The Spyder continues the Huracán EVO's

evolutionary charge: extremely eas to drive while excelling as a highly responsive, fun super sports car. Particularly with the roof open, the emotive sound of the naturally aspirated engine and the refined, lightweight exhaust system take the sensory experience to a new level. The Huracán EVO Spyder's design, performance and exhilarating open air drive experience is literally breath-taking.'

## Next generation vehicle dynamics

The Huracán EVO Spyder combines the option of open-air driving with the prowess of the Huracán EVO's evolutionary technologies. Rear wheel steering and a four-wheel torque vectoring system are controlled centrally by Lamborghini Dinamica Veicolo Integrata (LDVI): the Central Processing Unit integrating and controlling every aspect of the car's set-up and dynamic behavior, anticipating the next move and needs of the driver and interpreting this through a 'feed forward logic'

Processing data in real time, the LDVI system monitors and analyses external conditions through its active suspension and all-wheel drive. It also recognizes the driver's intentions through steering wheel, braking, acceleration, the gear and driving mode selected. Precise inputs are given to the vehicle dynamic system, creating a superagile and responsive car with unparalleled level of control: the car doesn't just react, but predicts the best driving set-up for the next moment.

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[^1]








[^0]:    Speedi Wings \& Wheels is a wide screen format magazine
    Best viewed in full screen single page HD mode

[^1]:    

